



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $1 \times (2 \times 4) = (1 \times 2) \times 4$
 B. $1 \times (2 + 4) = (1 \times 2) + (1 \times 4)$
 C. $1 \times 2 = 2 \times 1$
 D. $1 \times 1 = 1$
- 2) A. $8 \times 4 = 4 \times 8$
 B. $8 \times 1 = 8$
 C. $(8 \times 4) \times 0 = 8 \times (4 \times 0)$
 D. $(8 \times 4) + (8 \times 0) = 8 \times (4 + 0)$
- 3) A. $0 \times 1 = 0$
 B. $0 \times 2 = 2 \times 0$
 C. $(0 \times 2) + (0 \times 9) = 0 \times (2 + 9)$
 D. $(0 \times 2) \times 9 = 0 \times (2 \times 9)$
- 4) A. $(2 \times 1) \times 7 = 2 \times (1 \times 7)$
 B. $2 \times 1 = 1 \times 2$
 C. $2 \times 1 = 2$
 D. $(2 \times 1) + (2 \times 7) = 2 \times (1 + 7)$
- 5) A. $(4 \times 7) + (4 \times 9) = 4 \times (7 + 9)$
 B. $4 \times 1 = 4$
 C. $4 \times 7 = 7 \times 4$
 D. $(4 \times 7) \times 9 = 4 \times (7 \times 9)$
- 6) A. $8 \times 1 = 8$
 B. $(8 \times 6) + (8 \times 1) = 8 \times (6 + 1)$
 C. $(8 \times 6) \times 1 = 8 \times (6 \times 1)$
 D. $8 \times 6 = 6 \times 8$
- 7) A. $3 \times 7 = 7 \times 3$
 B. $3 \times 1 = 3$
 C. $(3 \times 7) \times 8 = 3 \times (7 \times 8)$
 D. $(3 \times 7) + (3 \times 8) = 3 \times (7 + 8)$
- 8) A. $9 \times 1 = 1 \times 9$
 B. $(9 \times 1) \times 0 = 9 \times (1 \times 0)$
 C. $(9 \times 1) + (9 \times 0) = 9 \times (1 + 0)$
 D. $9 \times 1 = 9$
- 9) A. $9 \times 7 = 7 \times 9$
 B. $9 \times 1 = 9$
 C. $(9 \times 7) + (9 \times 3) = 9 \times (7 + 3)$
 D. $(9 \times 7) \times 3 = 9 \times (7 \times 3)$
- 10) A. $3 \times (9 + 4) = (3 \times 9) + (3 \times 4)$
 B. $3 \times (9 \times 4) = (3 \times 9) \times 4$
 C. $1 \times 3 = 3$
 D. $3 \times 9 = 9 \times 3$
- 11) A. $6 \times (0 \times 4) = (6 \times 0) \times 4$
 B. $1 \times 6 = 6$
 C. $6 \times 0 = 0 \times 6$
 D. $6 \times (0 + 4) = (6 \times 0) + (6 \times 4)$
- 12) A. $10 \times 1 = 10$
 B. $10 \times 1 = 1 \times 10$
 C. $(10 \times 1) + (10 \times 3) = 10 \times (1 + 3)$
 D. $(10 \times 1) \times 3 = 10 \times (1 \times 3)$

1. _____
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1. **A**
2. **C**
3. **D**
4. **A**
5. **D**
6. **C**
7. **C**
8. **B**
9. **D**
10. **B**
11. **A**
12. **D**